

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

.....

Applicants :	Yukari Hirata et al.		
Serial No. :	10/590,586	Case No.: BY0040P	Art Unit: 1614
Filed :	August 24, 2006		
For :	DIARYL-SUBSTITUTED FIVE-MEMBERED HETEROCYCLCE DERIVATIVE		

.....

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Attached is a copy of the official Filing Receipt under 35 U.S.C. 371 and 37 C.F.R. 1.495 received from the Patent and Trademark Office for the above-identified application for which issuance of a corrected Filing Receipt is respectfully requested.

The Filing Receipt does not list all of the inventors for the application. Attached are copies of the original Transmittal Letter and the Declaration and Power of Attorney. The inventors should be listed as:


Yukari Hirata
Satoru Ito
Hiroshi Kawamoto
Toshifumi Kimura
Yasushi Nagatomi
Hisashi Ohta
Akio Sato
Atushi Satoh

Also there is a typographical error in the title. The correct title is "Diaryl-Substituted Five-Membered Heterocycle Derivative".

Serial No.: 10/590,586
Case No.: BY0040P
Page 2

This Request is required due to an error by the Office and is not due to error by Applicants, and no fee is believed to be due. Any fees associated with this Request may be charged to Merck Deposit Account No. 13-2755.

Respectfully submitted,

By 
Eric Thies
Reg. No. 35,382
Attorney for Applicant

MERCK & CO., Inc.
P.O. Box 2000
Rahway, New Jersey 07065-0907
(732) 594-3904

Date: March 6, 2009

JET

BY0040P



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/590,586	08/24/2006	1614	1400	BY0040P	13	3

CONFIRMATION NO. 8509

210

MERCK AND CO., INC
P O BOX 2000
RAHWAY, NJ 07065-0907

FILING RECEIPT



OC000000023390194

Date Mailed: 01/22/2009

PATENT OFFICE

JAN 21 2009

4 BILLS

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

Yukari Hirata, Tsukuba-shi, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 210

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP05/04379 03/07/2005

Foreign Applications

JAPAN 2004-063243 03/05/2004

Yukari Hirata

Satoru Ito

Hiroshi Kawamoto

Toshifumi Kimura

Yasushi Nagatomi

Hisashi Ohta

Akio Sato

Atushi Satoh

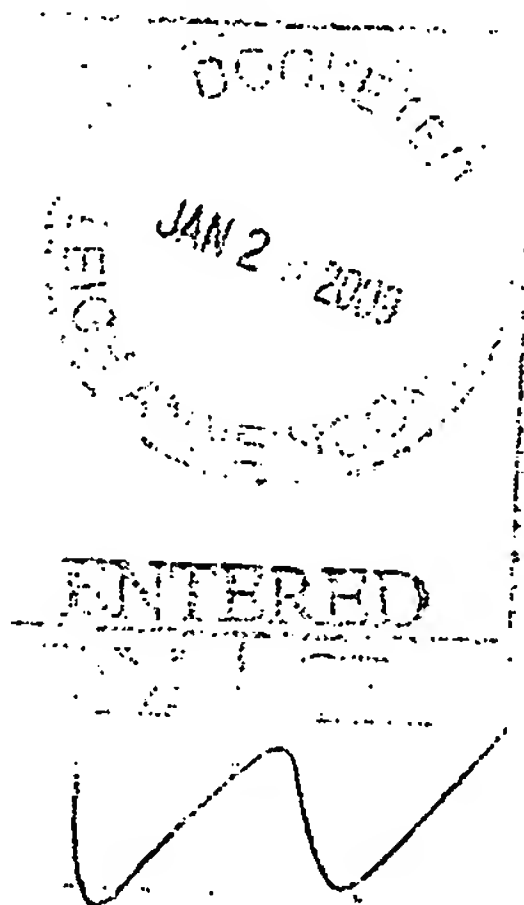
If Required, Foreign Filing License Granted: 04/13/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/590,586**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No



Title

~~Diaryl substituted five-membered heterocycle derivative~~

Preliminary Class

514

Diaryl-Substituted Five- Membered Heterocycle Derivative

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

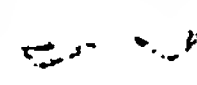
LICENSE FOR FOREIGN FILING UNDER


Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

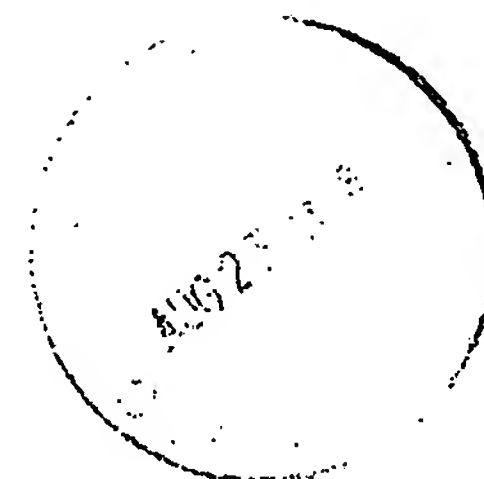
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

U. S. PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER BY0040P
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/JP2005/004379	INTERNATIONAL FILING DATE 7 MARCH 2005	PRIORITY DATE CLAIMED 5 MARCH 2004
TITLE OF INVENTION DIARYL-SUBSTITUTED FIVE-MEMBERED HETEROCYCLE DERIVATIVE		
APPLICANT(S) FOR DO/EO/US Yukari Hirata; Satoru Ito; Hiroshi Kawamoto; Toshifumi Kimura; Yasushi Nagatomi; Hisashi Ohta; Akio Sato; Atsushi Satoh		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached heretob. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. <p>Items 11 to 20 below concern other document(s) or information included:</p> <ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A preliminary amendment.14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C.154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C.154(d)(4).20. <input type="checkbox"/> Other items or information: 		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/JP2005/004379		ATTORNEY'S DOCKET NUMBER BY0040P	
The following fees are submitted:				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee.....\$300				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200				\$200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500				\$400.00	
TOTAL OF 21, 22 and 23=				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
198 - 100 =	98 /50	1.96 = 2	X \$250.00	\$500.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	13 - 20 =	0	X \$50.00	\$0.00	
Independent Claims	3 - 3 =	0	X \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)				\$1,400.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	
TOTAL NATIONAL FEE				\$1,400.00	
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				+	
TOTAL FEES ENCLOSED				\$1,400.00	
				Amount to be refunded:	
				Amount to be charged:	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$1,400.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Customer No. 000210					
MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970					
DATE: <u>August 24, 2006</u>				 _____ J. Eric Thies NAME	

Page 1A of TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING
A FILING UNDER 35 U.S.C. 371

Attorney Docket No.: BY0040P
International Appln No.: PCT/JP2005/004379
International Filing Date: March 7, 2005
Priority Date: March 5, 2004
Title: DIARYL-SUBSTITUTED FIVE-MEMBERED
HETEROCYCLE DERIVATIVE



Inventors: Yukari Hirata, Satoru Ito, Hiroshi Kawamoto, Toshifumi
Kimura, Yasushi Nagatomi, Hisashi Ohta, Akio Sato,
Atsushi Satoh

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT August 24, 2006

EXPRESS MAIL NO. EV660608829 US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE
DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR
PATENTS P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450.

MAILED BY Linda Zehner DATE August 24, 2006

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)	Attorney Docket Number	BY0040
	First Named Inventor	Yukari Hirata
	COMPLETE IF KNOWN	
	Application Number	
	Filing Date	
	Group Art Unit	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (c)) required)
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIARYL-SUBSTITUTED FIVE-MEMBERED HETEROCYCLE DERIVATIVE

(Title of the Invention)

the specification of which

☐ bears the Attorney Docket Number and Title of the Invention noted above

OR

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 03/07/2005 as United States Application Number or PCT International

Application Number PCT/JP2005/004379 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed?	
				YES	NO
JP2004-063243	Japan	03/05/2004	BY0040PV	<input checked="" type="checkbox"/>	<input type="checkbox"/>
JP2005/004379	PCT	03/07/2005	BY0040	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Attorney Docket Number

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint, respectively and individually, as my attorney(s) or agent(s) with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

☒ Practitioners Associated with the Customer Number **000210**
OR
☐ Registered practitioner(s) named below

Name	Registration Number	Name	Registration Number

Direct all correspondence to: ☒ Customer Number **000210**

Name	J Eric Thies				
Address	Merck & Co, Inc - Patent Department				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-3904	Fax	(732)594-4720

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Family Name or Surname
Yukari	Hirata

Inventor's Signature	<i>Yukari Hirata</i>	Date	Aug. 07, 2006
----------------------	----------------------	------	---------------

Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
-----------------	-------------	-------	---------	---------	----	-------------	----

Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN

☒ Additional inventors are being named on the _____ supplemental Additional Inventors(s) sheet(s) PTO/SB/02A or 02LR attached hereto.

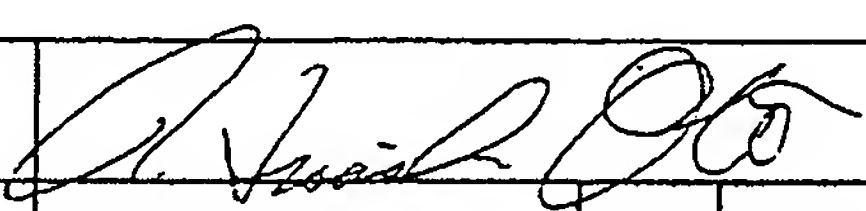


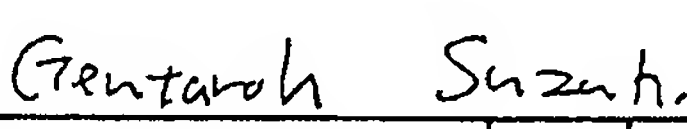
DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
 Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Satoru				Ito			
Inventor's Signature	Satoru Ito				Date	Aug. 07. 2006	
Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd, Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Hiroshi				Kawamoto			
Inventor's Signature	Hiroshi Kawamoto				Date	Aug. 07. 2006	
Residence: City	Tsuchiura-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Toshifumi				Kimura			
Inventor's Signature	Toshifumi Kimura				Date	Aug. 07. 2006	
Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Yasushi				Nagatomi			
Inventor's Signature	Yasushi Nagatomi				Date	Aug. 07. 2006	
Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S)
 Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Hisashi				Ohta			
Inventor's Signature						Date	Aug-07-2006
Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Akio				Sato			
Inventor's Signature						Date	Aug. 07, 2006
Residence: City	Ushiku-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Atsushi				Satoh			
Inventor's Signature						Date	Aug. 07, 2006
Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Gentaroh				Suzuki			
Inventor's Signature						Date	Aug. 07, 2006
Residence: City	Tsukuba-shi	State	Ibaraki	Country	JP	Citizenship	JP
Mailing Address	Banyu Pharmaceutical Co., Ltd., Kitanomaru Square, 1-13-12						
City	Kudankita, Chiyoda-ku, Tokyo	State		ZIP	102-8667	Country	JAPAN